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Friday, February 10, 2006

Case Serial Number: 10/811795

From: Etelka R. Griffin

Location: EIC 3600

KNOX/4B68

Phone: 571-272-4230

Etelka.griffin@uspto.gov

Scaroli Notes

LITIGATION

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Source: Legal > Area of Law - By Topic > Patent Law > Patents > U.S. Patents > Utllity, Design and Plant Patents

Terms: patno=6490822 (Edit Search | Suggest Terms for My Search)

007590 (10) 6490822 December 10, 2002

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6490822

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Link to Claims Section

December 10, 2002

Modular sleeve

APPL-NO: 007590 (10)

FILED-DATE: December 10, 2001

GRANTED-DATE: December 10, 2002

CORE TERMS: sleeve, receiver, handguard, firearm, barrel, interface, channel, rear,

longitudinal, modular ...

ENGLISH-ABST:

A Swan universal receiver sleeve attached to the top of a firearm upper receiver and extended forward above the firearm barrel to a position just short of the firearm front sight. The underside of the rear portion of the sleeve is fixedly attached to the receiver top. The underside of the forward portion of the sleeve has an upper handguard piece attached thereto. A bottom handquard piece is fitted about the bottom of the gun barrel and is attached to the upper handguard piece. The handguard pieces are not physically connected in any way to the gun barrel. The sleeve is self supported by the connection of the rear portion underside to the receiver top.

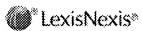
Source: Legal > Area of Law - By Topic > Patent Law > Patents > U.S. Patents > Utility, Design and Plant

Patents :

Terms: patno=6490822 (Edit Search | Suggest Terms for My Search)

View: Custom Segments: Abst, Appl-no

Date/Time: Friday, February 10, 2006 - 10:48 AM EST



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Patent Number :
  US6490822 B1 20021210 [US6490822]
Title :
  (B1) Modular sleeve
Inventor(s):
  (B1) SWAN RICHARD E (US)
Application Nbr :
  US759001 20011210 [2001US-0007590]
Filing Details :
  Rel. Prov. 60/274,147 20010309 [2001US-P274147]
Priority Details :
 US759001 20011210 [2001US-0007590]
 US27414701P 20010309 [2001US-P274147]
Intl Patent Class:
  (B1) F41C-023/00
EPO ECLA Class :
 F41C-023/00
 F41C-023/16
 F41G-001/387D
US Patent Class :
 ORIGINAL (O): 042071010; CROSS-REFERENCE (X): 042075010 042124000
Document Type :
 Basic
Citations :
 US3939589; US4845871; US5010676; US5142806; US5343650; US5412895;
 US5533292; US5826363; US6453594
Publication Stage:
  (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001
Abstract :
 A Swan universal receiver sleeve attached to the top of a firearm upper
  receiver and extended forward above the firearm barrel to a position
  just short of the firearm front sight. The underside of the rear portion
 of the sleeve is fixedly attached to the receiver top. The underside of
  the forward portion of the sleeve has an upper handguard piece attached
  thereto. A bottom handguard piece is fitted about the bottom of the gun
 barrel and is attached to the upper handguard piece. The handguard
 pieces are not physically connected in any way to the gun barrel. The
 sleeve is self supported by the connection of the rear portion underside
  to the receiver top.
Update Code :
 2002-51
1 / 1
      LGST - @EPO
Patent Number :
 US6490822 B1 20021210 [US6490822]
Application Number :
 US759001 20011210 [2001US-0007590]
Action Taken :
 20040622 US/RF-A
  REISSUE APPLICATION FILED
  EFFECTIVE DATE: 20040329
Update Code :
  2004-26
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PLUSPAT - COUESTEL-ORBIT - image

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1 / 1 CRXX - @CLAIMS/RRX
Patent Number :
 6,490,822 A 20021210 [US6490822]
Patent Assignee :
 Swan, Richard E
Actions :
 20040329 REISSUE REQUESTED
  ISSUE DATE OF O.G.: 20040622
  REISSUE REQUEST NUMBER: 10/811795
  EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3644
  Reissue Patent Number:
      INPADOC - @INPADOC
1 / 1
Patent Number :
 US 6490822 BA 20021210 [US6490822]
Title :
 Modular sleeve
Inventor(s):
 SWAN RICHARD E [US]
Patent Assignee (Words) :
 SWAN RICHARD E [US]
Application Details :
 US 7590/01-A 20011210 [2001US-0007590]
Priority Details :
 US 7590/01-A 20011210 [2001US-0007590]
 US 274147/01-P 20010309 [2001US-P274147]
Intl. Patent Class. :
 F41C-023/00
1 / 1 LGST - @EPO
Patent Number :
  US6490822 B1 20021210 [US6490822]
Application Number :
  US759001 20011210 [2001US-0007590]
Action Taken :
  20040622 US/RF-A
  REISSUE APPLICATION FILED
 EFFECTIVE DATE: 20040329
Update Code :
  2004-26
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